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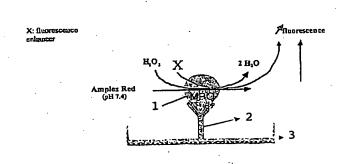
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(54) Title: METHOD AND KIT FOR THE MEASUREMENT OF NEUTROPHIL CELL ACTIVATION



(57) Abstract: The present invention is related to accurate detection methods for the measurement only of mycloperoxidase (MPO) levels of neutrophils, preferably equine neutrophils, in complex biological samples. The present invention is further related to ELISA and SIEFED assays SIEFED detection for such detection. sensitivity of active peroxidase activity was found to be enhanced by the addition Such MPO measurement of nitrite. finds its use in many applications such as the prediction, diagnosis and/or monitoring of pathologies correlated neutrophil activation with destruction; the evaluation of drugs and/or

immunomodulators; the assessment of immune responses, either natural and/or after treatment with immunomodulators and/or drugs; and the study of cells and their ability to fight microorganisms and/or to destroy them.